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United States  
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Marketing  
Service

Volume 9 No. 3  
July-September  
1981

# Plant Variety Protection Office Official Journal



SEP 29 1981

## PREFACE

THE PLANT VARIETY PROTECTION ACT (7 U.S.C. 2321 ET SEQ.) AUTHORIZES THE SECRETARY OF AGRICULTURE TO PUBLISH AN OFFICIAL JOURNAL TO PROVIDE THE PUBLIC WITH INFORMATION RELATING TO THE OPERATIONS OF THE PLANT VARIETY PROTECTION OFFICE. THE STATUTE ALSO AUTHORIZES THE SECRETARY TO DISSEMINATE TECHNOLOGICAL AND OTHER INFORMATION THAT ENCOURAGES INNOVATION AND PROGRESS IN PLANT BREEDING.

THE OFFICIAL JOURNAL, PUBLISHED QUARTERLY, IS AVAILABLE FROM:

PLANT VARIETY PROTECTION OFFICE  
LIVESTOCK, POULTRY, GRAIN & SEED DIV., AMS  
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APPLICATIONS RECEIVED

JULY 1, 1981 TO SEPTEMBER 30, 1981

APPLICATIONS FOR PROTECTION HAVE BEEN FILED FOR THE FOLLOWING VARIETIES. EACH APPLICATION HAS BEEN ASSIGNED AN APPLICATION NUMBER AND WILL BE EXAMINED TO DETERMINE WHETHER THE VARIETY IS ENTITLED TO A CERTIFICATE OF PROTECTION. SEED OF THESE VARIETIES MAY BE LABELED "UNAUTHORIZED PROPAGATION PROHIBITED - U.S. VARIETY PROTECTION APPLIED FOR."

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
BEAN, GARDEN	8100174	<9014>	810928	AGRIGENETICS CORPORATION
	8100175	<9293>	810928	AGRIGENETICS CORPORATION
	8100177	JUNCO	810930	GALLATIN VALLEY SEED CO.
BLUEGRASS, KENTUCKY	* 8100157	MYSTIC	810826	LOFTS PEDIGREED SEED, INC. (2)
	* 8100171	BABBLUE	810918	BARENBRUG HOLLAND B. V., NETH. (3)
CELERY	8100150	GRANDE	810730	KEYSTONE SEED CO.
CLOVER, WHITE	* 8100173	STAR	810922	IDAHO AGRIC. EXPT. STA. (2)
	8100143	DELTAPINE ACALA 90	810714	DELTA AND PINE LAND CO.
COTTON	* 8100170	DES 422	810914	MISSISSIPPI AGRIC. FOR. EXPT. STA. (3)
FESCUE, CHEWINGS	8100155	SHADOW	810810	PURE SEED TESTING, INC.
	8100161	HARTINA	810902	VAN DER HAVE B. V., NETH.
FESCUE, HARD	8100168	OLYMPIC	810909	PURE SEED TESTING, INC.
FESCUE, TALL	8100156	RED COACH 82	810824	BRUCE CHURCH, INC.
	8100167	YUMA	810909	MORAN SEEDS, INC.
LETTUCE	8100172	VAN MOR	810921	MORAN SEEDS, INC.
	8100166	SWEET WINTER	810909	DESSERT SEED CO., INC.
ONION	8100141	RA-800	810623	RING AROUND PRODUCTS, INC.
	8100142	L4104	810706	LAND O' LAKES, INC.
SOYBEAN	8100145	2400	810717	NORTHRUP KING CO.
	8100146	S09-90	810717	NORTHRUP KING CO.
	8100147	S40-44	810717	NORTHRUP KING CO.
	8100148	DOUGLAS	810720	KANSAS AGRIC. EXPT. STA.
	8100149	DELTAPINE 506	810721	DELTA AND PINE LAND CO.

\*\*\*\*\*TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED

< > IDENTIFIES TEMPORARY DESIGNATIONS

( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

APPLICATIONS RECEIVED (CONT)  
JULY 1, 1981 TO SEPTEMBER 30, 1981

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT	
SOYBEAN		8100151 DELTAPINE 105		810805 DELTA AND PINE LAND CO.	(3)
	*	8100152 SRF 101		810807 SOYBEAN RESEARCH FOUNDATION, INC.	(3)
	*	8100162 PIXIE		810908 OHIO AGRIC. RES. DEV. CENTER	(3)
	*	8100163 SPRITE		810908 OHIO AGRIC. RES. DEV. CENTER	(3)
	*	8100176 TS250		810928 NORTHRUP KING CO.	
TOMATO		8100159 <PETO 94C>		810831 PETOSEED CO., INC.	
		8100160 <PETO 95-43>		810831 PETOSEED CO., INC.	
WHEAT, COMMON	*	8100144 ARCHER		810714 NORTH AMERICAN PLANT BREEDERS	(3)
	*	8100153 DUKE		810810 COLORADO STATE UNIVERSITY	(3)
	*	8100154 SANDY		810810 COLORADO STATE UNIVERSITY	(3)
	*	8100164 AUBURN		810908 PURDUE UNIV. A.E.S. & A.R.S., USDA	(3)
	*	8100165 CALDWELL		810908 PURDUE UNIV. A.E.S. & A.R.S., USDA	(3)
WHEAT, DURUM	*	8100169 HAWK		810909 NORTH AMERICAN PLANT BREEDERS	(3)
	*	8100158 WESTBRED 803		810827 WESTERN PLANT BREEDERS	(3)

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APPLICATIONS AMENDED  
JULY 1, 1981 TO SEPTEMBER 30, 1981

INFORMATION CONCERNING THE VARIETIES LISTED BELOW HAS BEEN PUBLISHED PREVIOUSLY IN THE OFFICIAL JOURNAL'S LIST OF "APPLICATIONS RECEIVED". DURING THE EXAMINATION PROCESS, THE APPLICANT REQUESTED THIS INFORMATION TO BE AMENDED AS INDICATED BELOW.

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
BEAN, FIELD	* 8000077	OLATHE	800320	COLORADO STATE UNIVERSITY

(3)

NUMBER OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED  
CHANGED FROM 2 TO 3

BEAN, GARDEN	8000137	LUTE	800701	ROYAL SLUIS, NETH.
		VARIETY WITH TEMPORARY DESIGNATION OF RS 2215 NAMED 'LUTE'.		
	8000138	LINDO	800701	ROYAL SLUIS, NETH.
		VARIETY WITH TEMPORARY DESIGNATION OF RS 2216 NAMED 'LINDO'.		
	8000139	TREND	800701	ROYAL SLUIS, NETH.
		VARIETY WITH TEMPORARY DESIGNATION OF RS 2217 NAMED 'TREND'.		

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APPLICATIONS AMENDED (CONT)  
JULY 1, 1981 TO SEPTEMBER 30, 1981

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
CAULIFLOWER	8000005	ALLWHITE	791029	PERMISSION TO PUBLISH NOT RECEIVED
		VARIETY WITH TEMPORARY DESIGNATION OF TYPE 141 NAMED 'ALLWHITE'.		
CHRYSANTHEMUM	7900026	APPLAUSE BRONZE SHADES	781212	FERRY-MORSE SEED CO.
		VARIETY WITH TEMPORARY DESIGNATION OF E 8208 NAMED 'APPLAUSE BRONZE SHADES'.		
	7900027	APPLAUSE WHITE SHADES	781212	FERRY-MORSE SEED CO.
		VARIETY WITH TEMPORARY DESIGNATION OF E 8209 NAMED 'APPLAUSE WHITE SHADES'.		
	7900028	APPLAUSE LAVENDER SHADES	781212	FERRY-MORSE SEED CO.
		VARIETY WITH TEMPORARY DESIGNATION OF E 8211 NAMED 'APPLAUSE LAVENDER SHADES'.		
	7900029	APPLAUSE YELLOW SHADES	781212	FERRY-MORSE SEED CO.
		VARIETY WITH TEMPORARY DESIGNATION OF E 8213 NAMED 'APPLAUSE YELLOW SHADES'.		

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APPLICATIONS AMENDED (CONT.)  
JULY 1, 1981 TO SEPTEMBER 30, 1981

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
ENDIVE	8000140	VALDENA	800627	ASGROW SEED CO.
		VARIETY WITH TEMPORARY DESIGNATION OF XP 474 NAMED 'VALDENA'.		
LETTUCE	8100051	SALMAR	810209	FERRY-MORSE SEED CO.
		VARIETY WITH TEMPORARY DESIGNATION OF E8248 NAMED 'SALMAR'.		
SOYBEAN	* 8100090	AP 71	810406	NORTH AMERICAN PLANT BREEDERS
		VARIETY WITH TEMPORARY DESIGNATION OF AGRIPO AP71 NAMED 'AP 71'.		(3)
SQUASH	* 8100050	AUTUMN PRIDE	810206	NEW HAMPSHIRE AGRIC. EXPT. STA.
		VARIETY WITH TEMPORARY DESIGNATION OF XP025 NAMED 'AUTUMN PRIDE'.		
TOMATO	8100058	LIBERATOR	810220	FERRY-MORSE SEED CO.
		VARIETY WITH TEMPORARY DESIGNATION OF E7200 NAMED 'LIBERATOR'.		

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APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE  
JULY 1, 1981 TO SEPTEMBER 30, 1981

APPLICATIONS FOR THE VARIETIES LISTED BELOW ARE NO LONGER BEING CONSIDERED FOR U.S. PLANT VARIETY PROTECTION. PROPAGATION OF THESE VARIETIES IS NO LONGER PROHIBITED BY THE U.S. PLANT VARIETY PROTECTION ACT. VARIETIES PUBLISHED IN THIS LIST MAY POSSIBLY BE PROTECTED UNDER THE PATENT ACT.

KIND	APPL. NO.	VARIETY
ALFALFA	7600024	VANGARD
	8000156	PERRY
BEAN, GARDEN	8000021	<WAV 5819>
MUSKMELON	8000133	<DONNY MELON>

< > IDENTIFIES TEMPORARY DESIGNATIONS

CERTIFICATES AMENDED  
JULY 1, 1981 TO SEPTEMBER 30, 1981

THE FOLLOWING CERTIFICATES HAVE BEEN AMENDED IN ACCORDANCE WITH SECTIONS 180.103, 180.122, AND 180.130 OF THE REGULATIONS AND RULES OF PRACTICE UNDER THE PLANT VARIETY PROTECTION ACT.

KIND	CERT. NO.	VARIETY	ISSUE DATE	NAME OF OWNER	
COTTON	* 7100051	BLANCO 3363	740930	TEXAS BANK FOR COOPERATIVES	(3)
		NAME OF OWNER CHANGED FROM GROWERS SEED ASSOCIATION TO TEXAS BANK FOR COOPERATIVES.			
	* 7400088	STRIPPER 31A	751124	TEXAS BANK FOR COOPERATIVES	(3)
		NAME OF OWNER CHANGED FROM GROWERS SEED ASSOCIATION TO TEXAS BANK FOR COOPERATIVES.			
	* 7400089	GSA 71	751124	TEXAS BANK FOR COOPERATIVES	(3)
		NAME OF OWNER CHANGED FROM GROWERS SEED ASSOCIATION TO TEXAS BANK FOR COOPERATIVES.			
	* 7605007	GSA 75	770318	TEXAS BANK FOR COOPERATIVES	(3)
		NAME OF OWNER CHANGED FROM GROWERS SEED ASSOCIATION TO TEXAS BANK FOR COOPERATIVES			

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CERTIFICATES AMENDED (CONT)  
JULY 1, 1981 TO SEPTEMBER 30, 1981

KIND	CERT. NO.	VARIETY	ISSUE DATE	NAME OF OWNER	
COTTON	* 7900071	GSA 74	800424	TEXAS BANK FOR COOPERATIVES	(3)
		NAME OF OWNER CHANGED FROM GROWERS SEED ASSOCIATION TO TEXAS BANK FOR COOPERATIVES.			
	* 7900072	GSA 78	800619	TEXAS BANK FOR COOPERATIVES	(3)
		NAME OF OWNER CHANGED FROM GROWERS SEED ASSOCIATION TO TEXAS BANK FOR COOPERATIVES.			

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM  
JULY 1, 1981 TO SEPTEMBER 30, 1981

CLAIMS OF THE APPLICANT REGARDING ELIGIBILITY FOR PLANT VARIETY PROTECTION AND NOVELTY AS STATED BELOW HAVE BEEN SUBSTANTIATED FOR THE FOLLOWING VARIETIES. AND CERTIFICATES OF PLANT VARIETY PROTECTION HAVE BEEN ISSUED. SEED OF THESE VARIETIES MAY BE LABELED AS FOLLOWS: "UNAUTHORIZED PROPAGATION PROHIBITED - U.S. PROTECTED VARIETY."

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
ALFALFA	8000047	HI-PHY	810924	FFR COOPERATIVE
'HI-PHY' MOST CLOSELY RESEMBLES 'TEMPO'; HOWEVER, 'HI-PHY' HAS RESISTANCE TO PHYTOPHTHORA ROOT ROT, WHEREAS 'TEMPO' IS SUSCEPTIBLE.				
BEAN, GARDEN	8000120	WIN	810730	ASGROW SEED CO.
'WIN' IS MOST SIMILAR TO 'EAGLE'; HOWEVER, 'WIN' REACHES POD PROCESSING MATURITY (BASED ON PERCENT SEED) AT LEAST FOUR DAYS BEFORE 'EAGLE', AND 'WIN' HAS SLIMMER PODS THAN 'EAGLE', 'WIN' REACHES PROCESSING MATURITY AT 40% FIVE SIEVE PODS. WHEREAS 'EAGLE' REACHES PROCESSING MATURITY AT 55% OR MORE FIVE SIEVE PODS.				
	8000138	LINDO	810924	ROYAL SLUIS, NETH.
'LINDO' IS MOST SIMILAR TO 'LIT'; HOWEVER, THE PODS OF 'LINDO' ARE HEART-SHAPED IN CROSS-SECTION. WHEREAS PODS OF 'LIT' ARE ROUND IN CROSS-SECTION.				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JULY 1, 1981 TO SEPTEMBER 30, 1981

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
BEAN, LIMA	8000094	DOMPE 95	810924	BEN FISH AND SON
'DOMPE 95' IS MOST SIMILAR TO 'VENTURA BUSH'; HOWEVER, 'DOMPE 95' HAS SHORTER (9.2 VS 11.3 CM) AND NARROWER (15 VS 22.1 MM) PODS THAN 'VENTURA BUSH'.				
BLUEGRASS, KENTUCKY	7900114	ARGYLE	810827	HEART SEED CO.. INC.
'ARGYLE' MOST CLOSELY RESEMBLES 'DELTA'; HOWEVER, 'ARGYLE' HAS GREEN LEAF SHEATHS IN THE SEEDLING STAGE AND MARGINS ARE ROUGH, WHEREAS 'DELTA' HAS RED LEAF SHEATHS AND SMOOTH MARGINS.				
	8000154	ECLIPSE	810730	NEW JERSEY AGRIC. EXPT. STA.
'ECLIPSE' MOST CLOSELY RESEMBLES 'ADELPHI'; HOWEVER, 'ECLIPSE' IS RESISTANT TO POWDERY MILDEW. WHEREAS 'ADELPHI' IS SUSCEPTIBLE. ALSO 'ECLIPSE' IS SHORTER IN PLANT HEIGHT (26 VS 48 CM). HAS A SHORTER PANICLE (69 VS 115 MM). AND HAS A SHORTER FLAG LEAF (35 VS 49 MM) THAN 'ADELPHI'.				
	8100012	APART	810730	ZELDER B. V.. NETH.
'APART' MOST CLOSELY RESEMBLES 'ADORNO' AND 'ENOBLE'; HOWEVER, 'APART' HAS NO HAIRS ON THE UPPER SIDE OF THE LEAF BLADE OR ON THE SEEDS, WHEREAS 'ADORNO' AND 'ENOBLE' ARE PUBESCENT FOR THESE CHARACTERS.				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JULY 1, 1981 TO SEPTEMBER 30, 1981

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
CAPER SPURGE	8100030	CHICO	810924	WILBUR A. OR EVA M. HENDERSON
<p>'CHICO' CAPER SPURGE (<u>EUPHORBIA LATHYRIS</u> L.) BRANCHES FROM THE GROUND TO THE TOP OF THE PLANT. WHEREAS COMMON CAPER SPURGE BRANCHES ONLY IN THE UPPER TWO-THIRDS OF THE PLANT. THE SEED OF 'CHICO' ARE ALSO HEAVIER THAN COMMON SEED (34.5 VS 27.5 G/100 SEED). 'CHICO' IS COMPARED TO COMMON. THE ONLY OTHER AVAILABLE CAPER SPURGE.</p>				
COTTON	* 8000032	CASCOT BR-1	810730	CUSTOM AG SERVICE INC.
<p>(3)</p> <p>'CASCOT BR-1' IS IMMUNE TO ALL 18 RACES OF BACTERIAL BLIGHT AND DIFFERS FROM THE ONLY OTHER VARIETIES WITH THIS RESISTANCE AS FOLLOWS: 'CASCOT BR-1' HAS LARGER BOLLS (5.30 G) THAN 'TAMCOT 'CAND-E' (4.63), 'TAMCOT SP21' (4.60), 'TAMCOT SP21S' (4.65), 'TAMCOT SP23' (4.65), 'TAMCOT SP37' (4.66), AND 'TAMCOT SP37H' (4.64). 'CASCOT BR-1' DIFFERS FROM 'CASCOT L-7' BY HAVING SHORTER FIBER (0.98 VS 1.07 IN). 'CASCOT BR-1' DIFFERS FROM 'CASCOT B-2' BY HAVING DARK VS LIGHT GREEN LEAVES.</p>				
	* 8100019	COKER 3131	810924	COKER'S PEDIGREED SEED CO.
<p>(3)</p> <p>'COKER 3131' MOST CLOSELY RESEMBLES 'COKER 310'; HOWEVER, 'COKER 3131' HAS SHORTER (1.14 VS 1.21 IN) AND WEAKER (22.60 VS 24.53 GRAMS-FORCE/TEX) LINT FIBER, AND A HIGHER LINT PERCENTAGE (38.8 VS 37.0%) THAN 'COKER 310'.</p>				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JULY 1, 1981 TO SEPTEMBER 30, 1981

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
COTTON	8100024	ROGERS LG-102	810924	ROGERS DELINTED COTTONSEED CO.
'ROGERS LG 102' MOST CLOSELY RESEMBLES 'LAMBRIGHT GL-N'; HOWEVER, 'ROGERS LG 102' HAS LIGHT GREEN SMOOTH LEAVES AND SHORT FRUITING BRANCHES, WHEREAS 'LAMBRIGHT GL-N' HAS DARK GREEN PUBESCENT LEAVES AND NORMAL FRUITING BRANCHES.				
FESCUE, MEADOW	* 7900091	BEAUMONT	810827	MICHIGAN STATE UNIVERSITY (3)
'BEAUMONT' MOST CLOSELY RESEMBLES 'TRADER' AND 'ENSIGN'; HOWEVER, 'BEAUMONT' HAS MORE PANICLES PER PLANT (30.3 VS 20.4 FOR 'TRADER' AND 17.4 FOR 'ENSIGN'). ALSO THE FIRST LEAF BELOW THE FLAG LEAF OF 'BEAUMONT' IS 25 MM SHORTER THAN 'TRADER' AND 25 MM LONGER THAN 'ENSIGN'.				
MARIGOLD	8100046	SCARLET SOPHIA	810827	JOHN BODGER & SONS CO.
'SCARLET SOPHIA' IS MOST SIMILAR TO 'QUEEN SOPHIA'; HOWEVER, THESE VARIETIES DIFFER IN RAY FLOWER COLOR OF THE DORSAL SIDE (ROYAL HORTICULTURAL SOCIETY COLOUR CHART READINGS ARE RED 45A FOR 'SCARLET SOPHIA' AND ORANGE-RED 34A FOR 'QUEEN SOPHIA').				
ONION	8000161	EARLY GRAND PRR	810730	DESSERT SEED CO., INC.
'EARLY GRAND PRR' IS MOST SIMILAR TO 'TEXAS EARLY GRANO 502 PRR'; HOWEVER, 'EARLY GRAND PRR' BULBS MATURE 10-12 DAYS EARLIER THAN BULBS OF 'TEXAS EARLY GRANO 502 PRR'.				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JULY 1, 1981 TO SEPTEMBER 30, 1981

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
PEA, GARDEN	8000098	ALCAN	810827	ROGERS BROTHERS SEED CO.
'ALCAN' MOST CLOSELY RESEMBLES 'CAMEO'; HOWEVER, 'ALCAN' HAS DARKER GREEN FRESH PEA COLOR THAN 'CAMEO' (ROYAL HORTICULTURAL SOCIETY COLOUR CHART 145A VS 145B).				
PEANUT	* 8000155	K-29	810827	JAMES T. KEEL (3)
'K-29' MOST CLOSELY RESEMBLES 'FLORIGIANT'; HOWEVER 'K-29' HAS AN UPRIGHT GROWTH HABIT. WHEREAS 'FLORIGIANT' HAS A DECUMBENT HABIT AND 'K-29' HAS LONGER MAIN STEMS (33 VS 16 CM) THAN 'FLORIGIANT'.				
SOYBEAN	8000028	0877	810924	PIONEER HI-BRED INTERNATIONAL, INC.
'0877' MOST CLOSELY RESEMBLES 'HARDOME'; HOWEVER, '0877' IS RESISTANT TO <u>PHYTIOPHTHORA MEGASPERMA</u> RACES 1 AND 2. WHEREAS 'HARDOME' IS SUSCEPTIBLE. ALSO '0877' MATURES 3 DAYS LATER THAN 'HARDOME'.				
	* 8100080	HARTZ 936X	810924	JACOB HARTZ SEED CO., INC. (3)
'HARTZ 936X' IS MOST SIMILAR TO 'DAVIS'; HOWEVER, 'HARTZ 936X' IS RESISTANT TO RACES 1 AND 3 OF <u>PHYTIOPHTHORA MEGASPERMA</u> . WHEREAS 'DAVIS' IS SUSCEPTIBLE TO RACES 1 AND 3. ALSO THE SEEDS OF 'HARTZ 936X' ARE SMALLER THAN THE SEEDS OF 'DAVIS' (10.9 VS 16.1 G/100 SEED).				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JULY 1, 1981 TO SEPTEMBER 30, 1981

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
SOYBEAN	8100082	A1937	810924	ASGROW SEED CO.
'A1937' IS MOST SIMILAR TO 'WEBER' AND 'SWIFT'; HOWEVER, 'A1937' HAS PURPLE FLOWERS AND BUFF HILA. WHEREAS 'WEBER' AND 'SWIFT' HAVE WHITE FLOWERS AND BLACK HILA.				
	8100088	GT 1380	810924	NORTH AMERICAN PLANT BREEDERS
'GT 1380' IS MOST SIMILAR TO 'WILLIAMS' AND 'WILLIAMS 79'; HOWEVER, 'GT 1380' HAS YELLOW HILA. BROWN PODS. AND GREY PUBESCENCE. WHEREAS 'WILLIAMS' AND 'WILLIAMS 79' HAVE BLACK HILA. TAN PODS. AND BROWN PUBESCENCE.				
	* 8100090	AP 71	810924	NORTH AMERICAN PLANT BREEDERS (3)
'AP 71' IS MOST SIMILAR TO 'GASOY 17'; HOWEVER, 'AP 71' IS RESISTANT TO <u>PHYTOPHTHORA MEGASPERMA</u> RACE 1. WHEREAS 'GASOY 17' IS SUSCEPTIBLE.				
	* 8100096	DSR-120	810827	DAIRYLAND SEED CO., INC. (2)
'DSR-120' IS MOST SIMILAR TO 'GRANDE'; HOWEVER, 'DSR-120' HAS BROWN HILA. WHEREAS 'GRANDE' HAS YELLOW HILA.				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JULY 1, 1981 TO SEPTEMBER 30, 1981

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
SOYBEAN	8100106 HP 3700		810924	NORTH AMERICAN PLANT BREEDERS
'HP 3700' IS MOST SIMILAR TO 'WOODWORTH'; HOWEVER, 'HP 3700' HAS PURPLE FLOWERS, GRAY HILA, AND IS RESISTANT TO PHYTOPHTHORA ROOT ROT, WHEREAS 'WOODWORTH' HAS WHITE FLOWERS, BLACK HILA, AND IS SUSCEPTIBLE TO PHYTOPHTHORA ROOT ROT.				
	8100113 PL 707743		810924	SOYBEAN RESEARCH FOUNDATION, INC.
'PL 707743' MOST CLOSELY RESEMBLES 'HOBSON'; HOWEVER, 'PL 707743' HAS INDETERMINATE PLANT HABIT, WHEREAS 'HOBSON' HAS DETERMINATE PLANT HABIT. ALSO SEEDS OF 'PL 707743' ARE LARGER THAN THOSE OF 'HOBSON' (20 VS 14 G/100 SEED).				
	8100115 SRF 350P		810827	SOYBEAN RESEARCH FOUNDATION, INC. (3)
'SRF 350P' IS MOST SIMILAR TO 'SRF 350'; HOWEVER, 'SRF 350P' IS RESISTANT TO PHYTOPHTHORA ROOT ROT RACES 1 AND 2, WHEREAS 'SRF 350P' IS SUSCEPTIBLE.				
	8100140 FFR 668		810924	FFR COOPERATIVE
'FFR 668' MOST CLOSELY RESEMBLES 'CENTENNIAL'; HOWEVER, 'FFR 668' HAS GRAY PUBESCENCE AND IMPERFECT BLACK HILA, WHEREAS 'CENTENNIAL' HAS BROWN PUBESCENCE AND BLACK HILA. 'FFR 668' MATURES 3 DAYS LATER THAN 'CENTENNIAL'.				

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\*TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED  
( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JULY 1, 1981 TO SEPTEMBER 30, 1981

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
SUNFLOWER	8100025	IS 2168	810730	INTERSTATE SEED CO.
		'IS 2168' IS MOST SIMILAR TO 'HA 290'; HOWEVER, 'IS 2168' HAS HEAVIER SEEDS (77 VS 56 G/100 SEED) AND A HIGHER SEED OIL PERCENTAGE (42.4 VS 32.4%) THAN 'HA 290'.		
	8100026	IS 2501	810730	INTERSTATE SEED CO.
		'IS 2501' IS MOST SIMILAR TO 'HA 89'; HOWEVER, 'IS 2501' HAS LEAVES THAT ARE ACUMINATE AT THE APEX; AURICULATE AT THE BASE. COARSELY CRENATE AND LENGTH AND WIDTH ARE EQUAL. WHEREAS THE LEAVES OF 'HA 89' ARE ACUTE AT THE APEX. TRUNCATE AT THE BASE. FINELY CRENATE AND NARROWER THAN LONG.		
	8100027	IS 3401	810730	INTERSTATE SEED CO.
		'IS 3401' IS MOST SIMILAR TO 'RHA 274'; HOWEVER, 'IS 3401' BLOOMS 7 TO 10 DAYS EARLIER THAN 'RHA 274'.		
	8100028	IS 3795	810327	INTERSTATE SEED CO.
		'IS 3795' IS MOST SIMILAR TO 'RHA 271'; HOWEVER, 'IS 3795' HAS SOLID DARK BROWN TO BLACK ACHENES. WHEREAS 'RHA 271' HAS BROWN ACHENES WITH WHITE STRIPES.		

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( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JULY 1, 1981 TO SEPTEMBER 30, 1981

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
VETCH. COMMON	7900031	CAHABA WHITE	810924	AUBURN UNIV. AGRIC. EXPT. STA.
'CAHABA WHITE' IS MOST SIMILAR TO 'WARRIOR'; HOWEVER, 'CAHABA WHITE' HAS WHITE FLOWERS, GREEN STEMS, AND COLORLESS STIPULAR NECTARIES, WHEREAS 'WARRIOR' HAS PURPLE FLOWERS, REDDISH STEM COLORATION AND RED STIPULAR NECTARIES.				
	7900032	VANTAGE	810924	AUBURN UNIV. AGRIC. EXPT. STA.
'VANTAGE' IS MOST SIMILAR TO 'WARRIOR'; HOWEVER, 'VANTAGE' HAS A DECUMBENT ADULT PLANT HABIT, WHEREAS 'WARRIOR' HAS A CLIMBING HABIT, AND SEEDS OF 'VANTAGE' ARE SMALLER THAN SEEDS OF 'WARRIOR' (39 VS 52 G/1000 SEED).				
	7900033	NOVA II	810924	AUBURN UNIV. AGRIC. EXPT. STA.
'NOVA II' IS MOST SIMILAR TO 'WARRIOR'; HOWEVER, 'NOVA II' HAS WHITE FLOWERS, GREEN STEMS, AND COLORLESS STIPULAR NECTARIES, WHEREAS 'WARRIOR' HAS PURPLE FLOWERS, REDDISH STEM COLORATION, AND RED STIPULAR NECTARIES.				
	7900034	VANGUARD	810924	AUBURN UNIV. AGRIC. EXPT. STA.
'VANGUARD' IS MOST SIMILAR TO 'WARRIOR'; HOWEVER, 'VANGUARD' HAS AN ERECT ADULT PLANT HABIT AND BLACK SEED PODS, WHEREAS 'WARRIOR' HAS A CLIMBING HABIT AND TAN SEED PODS.				

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( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JULY 1, 1981 TO SEPTEMBER 30, 1981

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
WHEAT, COMMON	7800007	S78	810924	PIONEER HI-BRED INTERNATIONAL, INC.

'S78' IS MOST SIMILAR TO 'S76'; HOWEVER, 'S78' IS RESISTANT TO RACE B OF HESSIAN FLY AND SHOWS A LIGHT BROWN PHENOL REACTION, WHEREAS 'S76' IS SUSCEPTIBLE TO RACE B OF HESSIAN FLY AND SHOWS A BLACK PHENOL REACTION.

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\*TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED  
( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

## GENERAL INFORMATION

### REVISED APPLICATION FORM AVAILABLE

THE "APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE" FORM (LMGS-470) HAS BEEN REVISED. ITEM 15 OF THE PREVIOUS EDITION HAS BEEN MODIFIED TO INCLUDE THE U.S. AND ITEM 16 HAS BEEN DELETED. COPIES OF THE REVISED APPLICATION FORM CAN BE OBTAINED BY CONTACTING THIS OFFICE.

### NEW AND REVISED OBJECTIVE DESCRIPTION FORMS

OBJECTIVE DESCRIPTION FORMS (EXHIBIT C) FOR VARIETIES OF CAPER SPURGE, CELERY, ENDIVE, AND SMOOTH BROMEGRASS ARE NOW AVAILABLE FROM THIS OFFICE. REVISED DESCRIPTION FORMS FOR COTTON, TALL AND MEADOW FESCUES, AND FINE-LEAVED FESCUES ARE ALSO AVAILABLE AND SHOULD BE USED IN LIEU OF THE PREVIOUS EDITIONS.





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